

CLAIMS AMENDMENTS

Claim 1 (currently amended) A traveling swimming pool cover drum enclosure comprising, in combination:

~~a cover drum enclosure~~ an enclosed housing portion for containing a pool cover wound onto a central drive shaft, the ~~cover drum enclosure~~ enclosed housing portion having a plurality of wheels oriented for moving the cover drum enclosure to and from a position overhanging ~~or away from~~ an edge of a swimming pool as desired; ~~and~~

~~an actuator~~ a mechanical linkage with actuator coupled to the wheels of the ~~cover drum enclosure~~ enclosed housing portion for rotating the wheels, thereby causing the cover drum enclosure to travel to and from a position overhanging ~~or away from~~ the edge of the swimming pool as desired.

Claim 2 (currently amended) The traveling swimming pool cover drum enclosure of Claim 1, wherein the actuator is a hydraulic fluid ~~actuator~~ cylinder which causes rotation of the wheels ~~of the cover drum enclosure~~.

Claim 3 (currently amended) The traveling swimming pool cover drum enclosure of Claim 1, wherein the actuator is a pneumatic fluid ~~actuator~~ cylinder which causes rotation of the wheels ~~of the cover drum enclosure~~.

Claim 4 (original) The traveling swimming pool cover drum enclosure of Claim 1, wherein the actuator is an electric motor which causes rotation of the wheels ~~of the cover drum enclosure~~.

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Claim 5 (currently amended) The traveling swimming pool cover drum enclosure of Claim 1, wherein the actuator with mechanical linkage is coupled to the wheels ~~of the cover drum enclosure~~ with a drive cable.

Claim 6 (currently amended) The traveling swimming pool cover drum enclosure of Claim 1, further comprising a master hydraulic fluid valve/rotor cap/diverter valve assembly ~~in which the actuator is also connected to the central drive shaft of the pool cover drum enclosure~~, wherein upon actuation the central drive shaft is caused to rotate, thereby causing the cover drum to roll or unroll the pool cover as desired.

Claim 7 (original) A traveling swimming pool cover drum support comprising:
a ~~swimming pool cover drum~~ housing having a set of wheels oriented for moving the cover drum to and from a position adjacent ~~or away from~~ an edge of a swimming pool as desired;
a drive cable connected between the set of wheels; and
a hydraulic fluid cylinder coupled to the drive cable, wherein upon actuation, the cylinder drives the drive cable and the wheels are rotated.

Claim 8 (currently amended) The traveling swimming pool cover drum support of Claim 7, further comprising a hydraulic pump for operating the hydraulic fluid cylinder ~~and actuator~~.

Claim 9 (currently amended) The traveling swimming pool cover drum support of Claim 7, ~~further comprising an actuator for the~~ in which the hydraulic fluid cylinder is also coupled to a central drive shaft, wherein upon actuation the central drive shaft is caused to rotate thereby causing the cover drum to roll or unroll the pool cover as desired.

Claim 10 (canceled)

Claim 11 (canceled)

Claim 12 (original) The traveling swimming pool cover drum support of Claim 8 in which the hydraulic pump is contained within a physically remote power pack pump and connected to the hydraulic fluid cylinder via hydraulic lines.

Claim 13 (original) The traveling swimming pool cover drum support of Claim 12 in which the hydraulic lines include supply and return lines.

Claim ~~13~~ 14 (currently amended) The traveling swimming pool cover drum support of Claim 7 in which the hydraulic fluid cylinder further comprises:

at least one cylinder port which communicates hydraulic pressure to the cylinder; and

a cylinder piston rod, coupled to the drive cable, that extends from and retracts into the hydraulic fluid cylinder in response to change in hydraulic pressure.

Claim ~~14~~ 15 (currently amended) The traveling swimming pool cover drum support of Claim ~~13~~ 14 in which the cylinder piston rod is coupled ~~directly~~ to the drive cable

Claim ~~15~~ 16 (currently amended) The traveling swimming pool cover drum support of Claim ~~13~~ 14 in which the cylinder piston rod is coupled to ~~the drive cable via gear assembly~~ a constrained translating assembly.

Claim ~~16~~ 17 (currently amended) A swimming pool cover drum which can be moved away from the side of the swimming pool when the cover is not in use, the cover drum comprising:

a cover drum enclosure;

a central shaft disposed within the cover drum enclosure for supporting a pool cover wound thereon;

a set of wheels ~~which moves~~ oriented for rolling the swimming pool cover drum enclosure towards and away from the side of the swimming pool; and

a hydraulic fluid ~~actuator~~ cylinder having a movable piston rod coupled to the set of wheels via mechanical linkage.

Claim ~~17~~ 18 (currently amended) The swimming pool cover drum of Claim ~~16~~ 17 in which the ~~actuator~~ hydraulic fluid cylinder is controlled via remote power pack such that the swimming pool cover drum is electrically isolated.

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Claim ~~18~~ 19 (currently amended) A method for moving a swimming pool cover drum on which a swimming pool cover has been wound away from the edge of a swimming pool, the method comprising the following steps:

~~obtaining~~ providing a swimming pool cover drum enclosure with ~~having~~ a set of wheels oriented for rolling towards and away from an edge or side of a swimming pool and a ~~fluid actuator such~~ as a hydraulic or pneumatic cylinder, in which the fluid actuator is coupled to the set of wheels via mechanical linkage; and

actuating the ~~fluid actuator~~ hydraulic or pneumatic cylinder such that the set of wheels are rotated in a direction which moves the swimming pool cover drum enclosure toward or away from the side of the swimming pool.

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